

12-27-00

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12/22/00  
jc984 U.S. PTO

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 22620/1280

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL591997658US** on this date, **December 22, 2000**, postage prepaid, in an envelope addressed to Box: Patent Applications, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

jc984 U.S. PTO  
09/14/01  
12/22/00

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Jonathan Karn &amp; Stephen Walker

Title of Invention: **METHODS AND COMPOSITIONS UTILIZING HEPATITIS C VIRUS MOLECULES**

Type:

☒

New

☐

Continuation

☐

Continuation-in-Part

☐

Divisional

and includes the following papers:

1. ☒ Specification 48 pages (including specification, claims, abstract)/82 claims (4 independent)
2. ☒ Declaration/Power of Attorney is:
  - ☒ attached ☐ executed ☒ unexecuted
  - ☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 8 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☐ Preliminary Amendment.
5. ☐ Information Disclosure Statement
  - ☐ Form 1449
  - ☐ A copy of each cited prior art reference
6. ☐ Assignment with Recordation Cover Sheet.
7. ☒ Priority is hereby claimed under 35 U.S.C. § 119(e) based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
United States	60/171,804	22 December 1999

8. ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

9. ☐ Priority document(s).

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Atty. Docket No.: 22620/1280

10. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
11. ☐ Microfiche Computer Program (Appendix).
12. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.

13. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$710.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	82	62	\$18.00	1,116.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	4	1	\$80.00	80.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	Y		\$270.00	270.00
Subtotal - Filing Fee Due				
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			1,088.00
<b>TOTAL FILING FEE DUE</b>				
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
<b>GRAND TOTAL DUE</b>				<b>\$1,088.00</b>

14. PAYMENT is:

X not included, but deferred under 37 C.F.R. § 1.53(f).

15. All correspondence for the attached application should be directed to:

KATHLEEN M. WILLIAMS, PH.D  
Palmer & Dodge, LLP  
One Beacon Street  
Boston, MA 02108  
Telephone: (617) 573-0100  
Facsimile: (617) 227-4420

16. Other: \_\_\_\_\_

Respectfully submitted,

Date: December 22, 2000

By: \_\_\_\_\_

Name: Kathleen M. Williams  
Registration No.: 34,380

A Docket No.: 22620/1280  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT

Application of: Karn et al.

Serial No: Not Assigned Yet

Filed: Concurrent Herewith

Entitled: "METHODS AND COMPOSITIONS UTILIZING HEPATITIS C VIRUS  
MOLECULES"

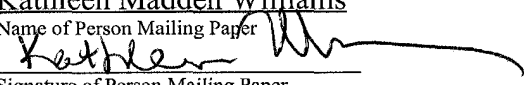
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12/22/00

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Kathleen Madden Williams

Name of Person Mailing Paper

  
Signature of Person Mailing Paper

**Box: Patent Application  
Commissioner for Patents  
Washington, D.C. 20231**

**TRANSMITTAL LETTER**


Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application Specification, (48 pages);
3. (8) sheets of informal drawings;
4. Unexecuted Declaration and Power of Attorney; and
5. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

Respectfully submitted,

Date: December 22, 2000

  
Name: Kathleen M. Williams  
Registration No.: 34,380  
PALMER AND DODGE, LLP  
One Beacon Street  
Boston, MA 02109-3190  
Telephone No: (617) 573-0100